

# Notice of Allowability

Application No.

10/665,435

Examiner

Thuy V. Tran

Applicant(s)

YU ET AL.

Art Unit

2821

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 09/22/2003.
2. ☒ The allowed claim(s) is/are 1-20.
3. ☒ The drawings filed on 22 September 2003 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

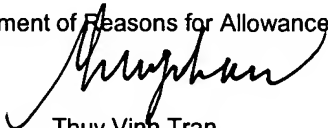
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

### Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
Thuy Vinh Tran  
Primary Examiner  
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### **DETAILED ACTION**

This is a response to the Applicants' filing on 09/22/2003. In virtue of this filing, claims 1-20 are currently presented in the instant application.

#### ***Examiner's Amendment***

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

This Examiner's amendment is made to correct a clear typographical error in the specification and also to correct the terminology in a claim to improve antecedent basis. Such corrections do not affect any scope of the claims as originally filed.

The amendment includes:

#### **In the specification:**

*Page 13, line 9, change "3" to --4--; and*

#### **In the claims:**

*Claim 4, line 2, insert --device-- between "balance" and "further".*

#### ***Allowable Subject Matter***

2. Claims 1-20 are allowed.

#### ***Reasons for Allowance***

3. The following is an examiner's statement of reasons for allowance:

Prior art fails to disclose or fairly suggest:

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- A plasma display panel with a gray level white balance device comprising a digital board comprising a gray level white balance device, the gray level white balance device modifying gray levels of the image display signals and outputting modified image display signals, and a color plasma display panel receiving the control signals and the modified image display signals, and displaying the modified image display signals on the color plasma display panel according to the control signals, in combination with the remaining claimed limitations as called for in independent claim 1 (claims 2-9 are also allowed since they are dependent on claim 1);
- A gray level white balance method comprising obtaining a gray level white balance look up table, modifying the image display signals according to the gray level white balance look up table, and displaying the modified image display signals on the plasma display panel, in combination with the remaining claimed limitations as called for in independent claim 10 (claims 11-14 are also allowed since they are dependent on claim 10); and
- A plasma display panel with a gray level white balance device comprising a digital board, the digital board comprising a gray level white balance device receiving the image display signals from the image processor, the gray level white balance device modifying the image display signals to modified image display signals according to a gray level white look up table, in combination with the remaining claimed limitations as called for in independent claim 15 (claims 16-20 are also allowed since they are dependent on claim 15).

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Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Citation of relevant prior art***

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Prior art Kim et al. (Pub. No.: US 2003/0151565 A1) discloses a driving method and device for flat panel display.

Prior art La (Pub. No.: US 2002/0180718 A1) discloses a flat panel display.

Prior art Lee et al. (U.S. Patent No. 6,693,609) discloses a method of generating optimal pattern of light emission.

Prior art Lim et al. (U.S. Patent No. 6,473,061) discloses a PDP and a driving method.

Prior art Nagaoka et al. (U.S. Patent No. 5,943,032) discloses a method and apparatus for controlling the gray scale of plasma display device.

Prior art Kimoto et al. (U.S. Patent No. 5,856,823) discloses a PDD.

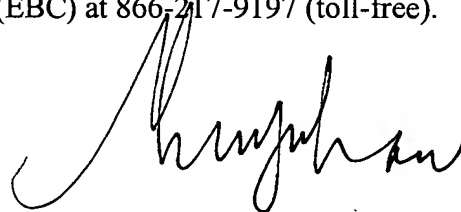
***Inquiry***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thuy V. Tran whose telephone number is (571) 272-1828. The examiner can normally be reached on M-F (8:00 AM -5:00 PM).

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Don Wong can be reached on (571) 272-1834. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read 'Thuy V. Tran', is positioned above the printed name and title.

Thuy V. Tran  
Primary Examiner  
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11/14/2004